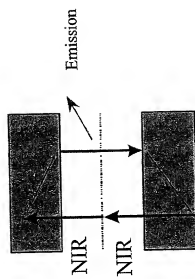
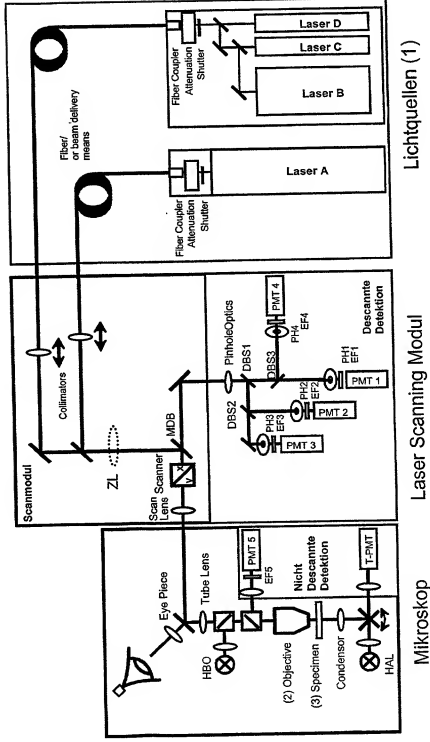


a.)



b.)

# LSM / Linien-scanner -Stand der Technik



## Strukturierte Beleuchtung - Stand der Technik

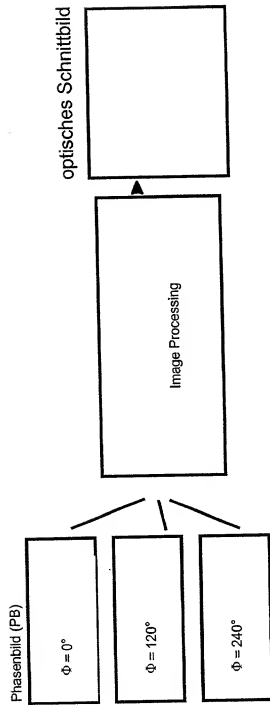
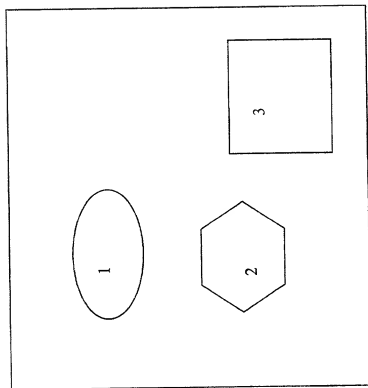


Abb.: 3

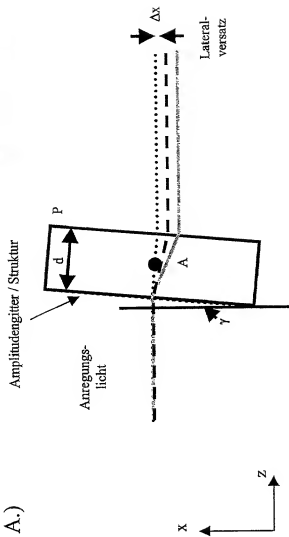




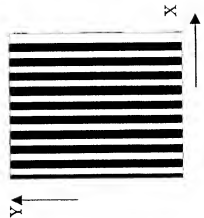
Scanfeld



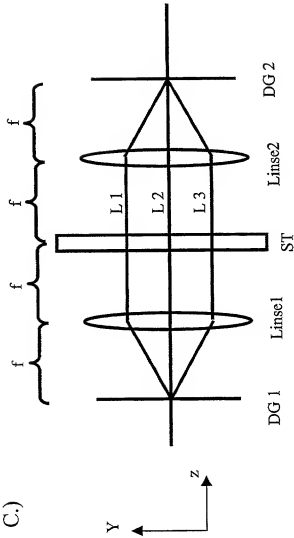
A.)



B.)



C.)



D.)

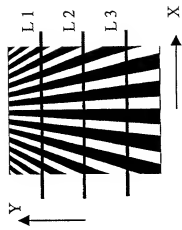


Abb.: 7

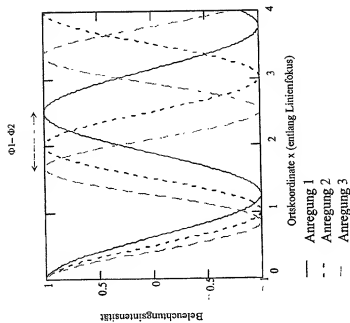
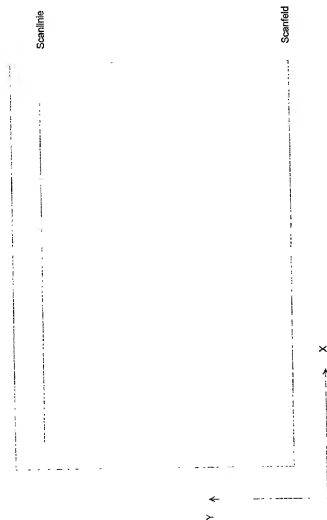


Abb.: 8



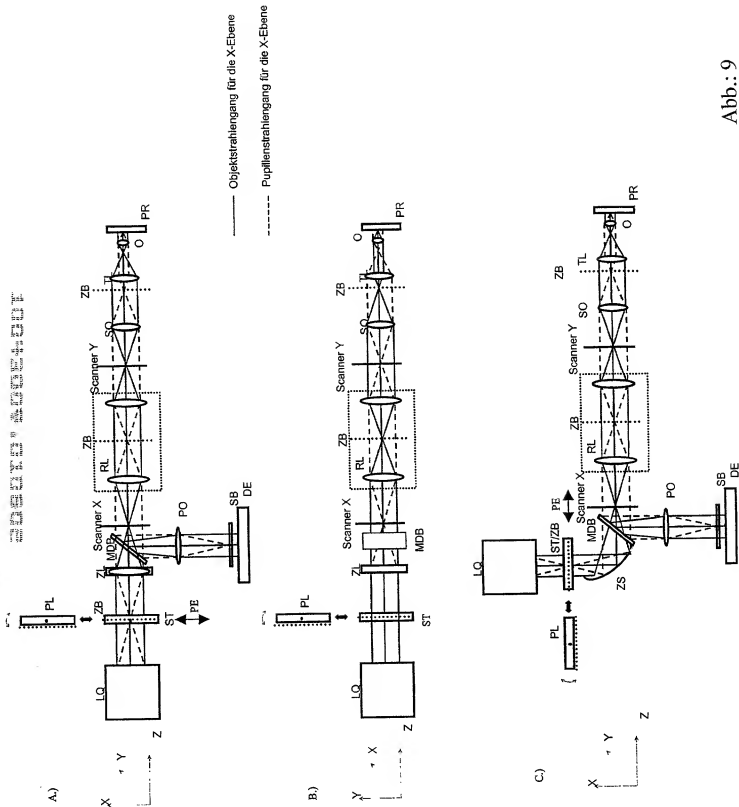


Abb.: 9

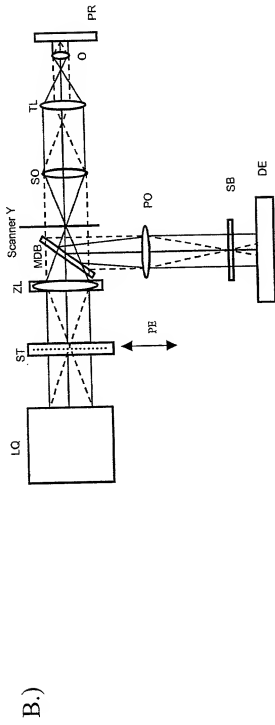
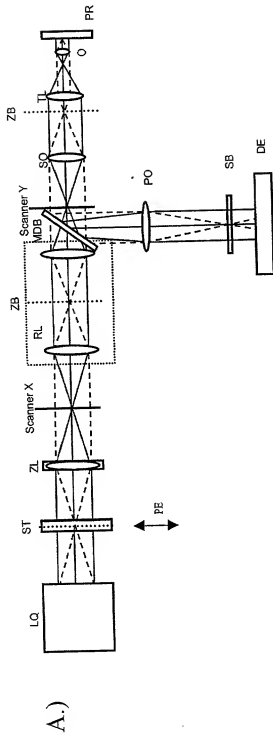
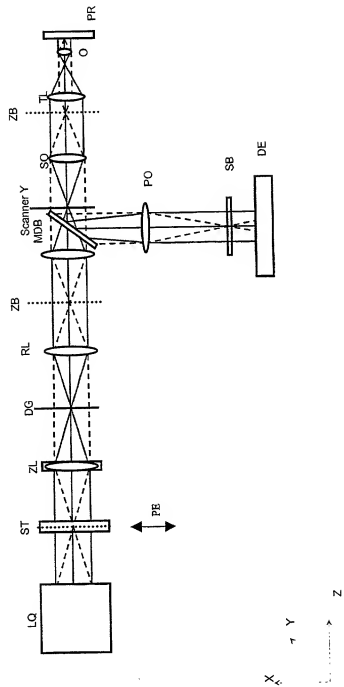


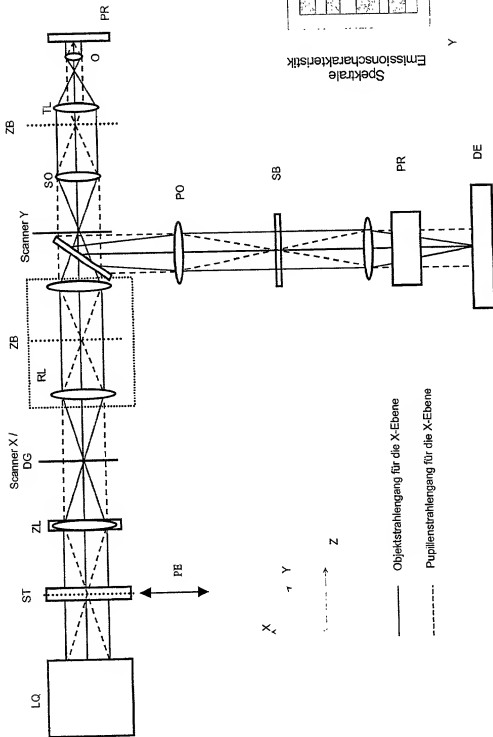
Abb.: 10



— Objektstrahlengang für die X-Ebene

- - - Pupillenstrahlengang für die X-Ebene

Abb.: 11



Ortskoordinate  $x$   
Linsenscanner

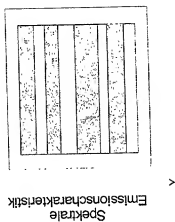


Abb.: 12

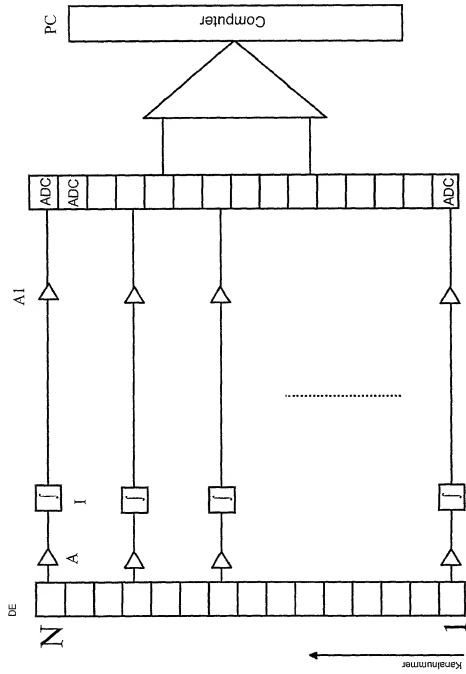


Abb.: 13

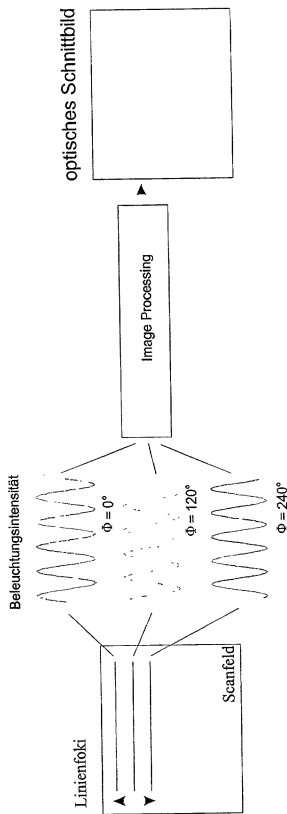


Abb.: 14

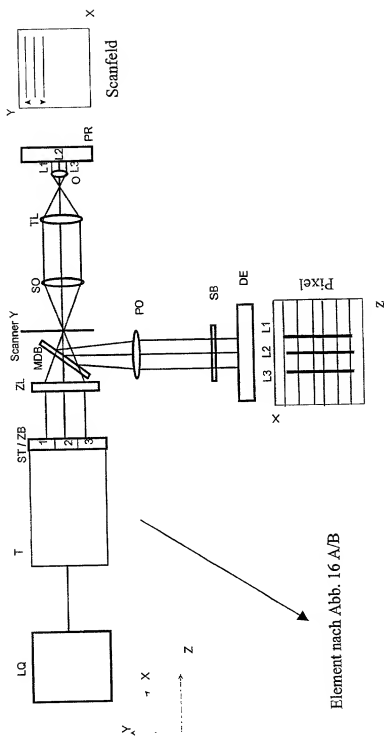
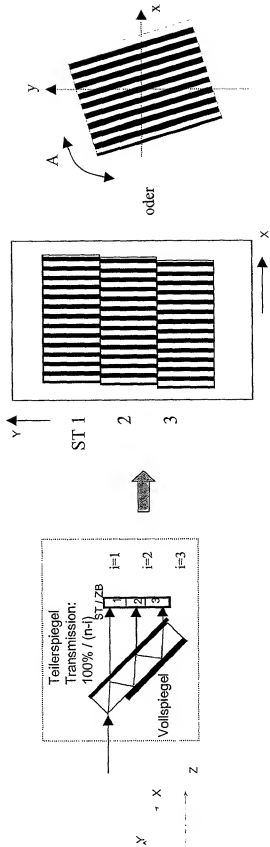


Abb.: 15

A.)



B.)

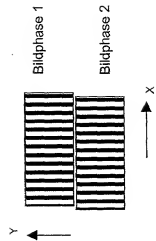
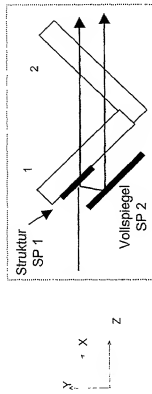


Abb.: 16



Multi-Color  
Linien-Scanner

Phase, sequentiell

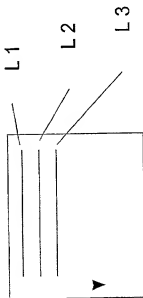
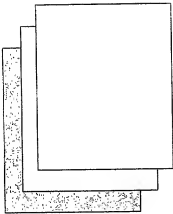


Image Processing

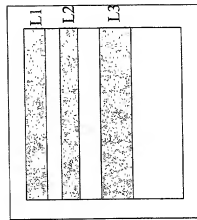
Multi - Color  
Optical Sectioning



Y ^ Z  
↑

→ X

Ortskoordinate  
Linien-scanner



Spektrale  
Emissionscharakteristik

Abb.: 17





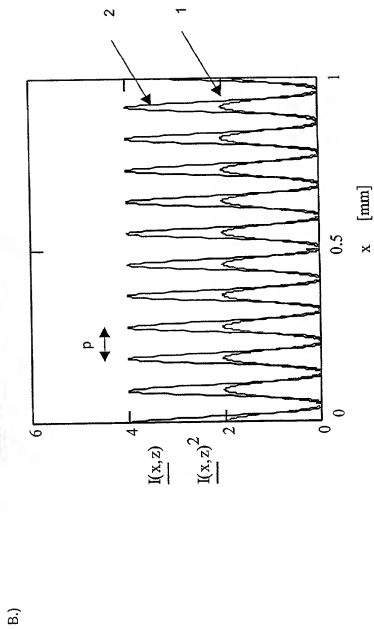
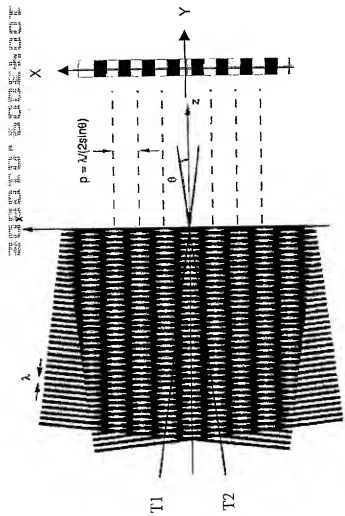


Abb.: 20

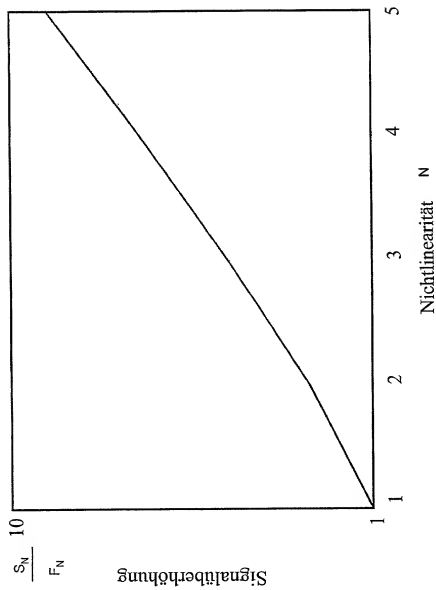
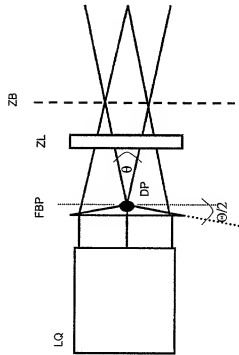
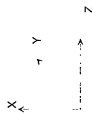


Abb.: 21

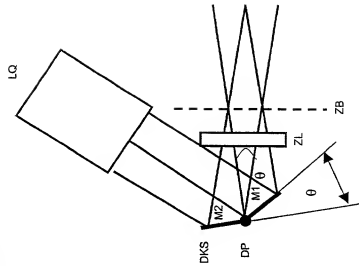
A.)



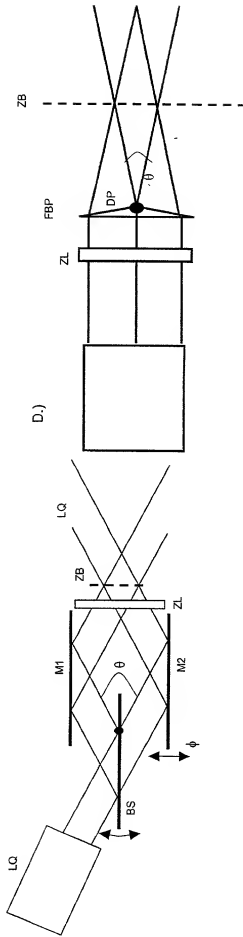
C.)



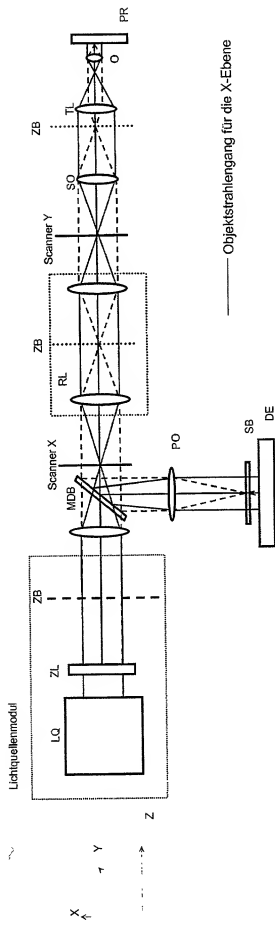
B.)



D.)



A.)



B.)

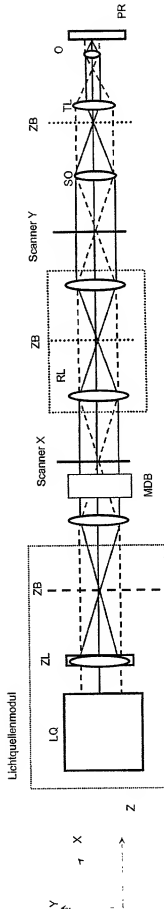


Abb.: 23